

Official

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6-6-02

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Onggosanusi et al.**

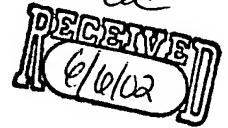
Serial No.: 10/026,278

Filed: December 18, 2001

Docket: TI-32854

Examiner: TBD

Art Unit: 2681



For: **CLOSED LOOP MULTIPLE TRANSMIT, MULTIPLE RECEIVE ANTENNA  
WIRELESS COMMUNICATION SYSTEM**

## PRELIMINARY AMENDMENT

June 6, 2002

Honorable Commissioner of  
Patents and Trademarks

Washington, D.C. 20231

## CERTIFICATION OF FAX TRANSMITTAL

I hereby certify that the above correspondence is being facsimile  
transmitted to the Patent and Trademark Office on June 6, 2002.

Elizabeth A. Austin

Dear Sir:

Please enter the following amendment prior to examination. A marked up copy of the amendment is attached on a separate paper.

In the Specification:

Rewrite the paragraph at page 18, line 15 as follows.

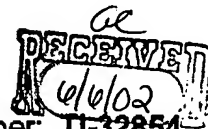
91 [0037] Figure 3 illustrates an electrical and functional block diagram of a multi-input multi-output ("MIMO") system 70 according to one preferred embodiment. As Figure 3 represents an electrical and functional block diagram, one skilled in the art may ascertain various technical manners of implementing system 70 using a combination of hardware and software, including the preferred use of a digital signal processor to include at least some of the illustrated blocks. Turning

06/07/2002 SMOORE 00000003 200668 10026278

01 FC:102 168.00 CH

02 FC:103 278.00 CH

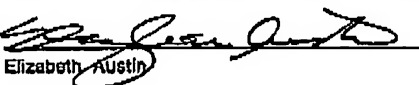
## IN THE U.S. PATENT AND TRADEMARK OFFICE

In re the Application of: **Onggosanusi, Et al.**Docket Number: **TI-32854**Serial No.: **10/026,278**Art Unit: **2681**Filed: **12/18/2001**Examiner: **TBD**For: **Closed Loop Multiple Transmit, Multiple Receive Antenna  
Communication System**Conf. No.: **8075****AMENDMENT TRANSMITTAL FORM**

June 6, 2002

Assistant Commissioner For Patents

Washington, D.C. 20231

<u><b>CERTIFICATION OF FAX TRANSMITTAL</b></u>	
I hereby certify that the above correspondence is being facsimile transmitted to the Patents and Trademarks Office on June 6, 2002.	
 Elizabeth Austin	<u>6/6/02</u> Date

Sir:

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated as shown below:

CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total Claims	74	Minus	59	15	x \$18 =	\$ 270.00
Independent Claims	6	Minus	4	2	x \$84 =	\$ 168.00
TOTAL ADDITIONAL FEE						\$ 438.00

Charge the total additional fee, and any further fees, or credit overpayment to the deposit account of Texas Instruments Incorporated, Account No. 20-0668. An original and two copies of this sheet are enclosed.

Texas Instruments Incorporated  
P. O. Box 655474, M/S 3999  
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### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Onggosanusi, Et al.**

Docket Number: **TI-32854**

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Filed: **12/18/2001**


Examiner: **TBD**

For: **Closed Loop Multiple Transmit, Multiple Receive Antenna  
Communication System**

Conf. No.: **8075**

#### CERTIFICATION OF FACSIMILE TRANSMISSION

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Elizabeth Austin

6/6/2002  
Date

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<input type="checkbox"/> <b>DIVISIONAL APP'N</b>	
<b>NAME OF INVENTOR(S):</b> <b>Onggosanusi, et al.</b>	<b>RECEIPT DATE &amp; SERIAL NO.: 10/026,278</b>
<b>TITLE OF INVENTION:</b> <b>Closed Loop Multiple Transmit, Multiple Receive Antenna Wireless Communication System</b>	<b>FILING DATE: 12/18/2001</b>
<b>TI FILE NO.: TI- 32854</b> <b>DEPOSIT ACCT. NO.: 20-0668</b>	
<b>DATE FAXED: June 6, 2002</b>	
<b>DUE:</b>	
<b>ATTY/SEC'Y: Robert N. Rountree / E. Austin</b>	

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